JUL 9 1 2006

Signature Date

July 26, 2006

CofU

			PTO/SB/21 (05-03) Approved for use through 04/30/2003. OMB 0651-0031 t and Trademark Office; U.S. DEPARTMENT OF COMMERCE n of information unless it displays a valid OMB control number.	
Under the Property Reduction Act of 1995.	no bersons	Application Number	10/021,566 U.S. Pat. No. 6,896,489	
TRANSMITTAL		Filing Date	December 12, Issued: May 24, 2005	
FORM (to be used for all correspondence after initial filing)		First Named Inventor	Douglas G. Hunter et al.	
		Art Unit	3746	
		Examiner Name	Charles G. Freay	
Total Number of Pages in This Submission		Attorney Docket Number	DKT 00147A (BWI-00061)	
ENCLOSURES (Check all that apply)				
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request	Licensing Petition Petition t Provisior Power of Change of Terminal Request	prawing(s) icensing-related Papers retition retition to Convert to a rovisional Application rower of Attorney, Revocation change of Correspondence Addre rerminal Disclaimer request for Refund	After Allowance communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Letter Requesting Certificate of Correction; Certificate of Correction (2 Pages); Return Receipt Postcard	
Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Remark Applical addition please of (Warn, I copy of	Remarks Applicant believes no fee to be due for the attached filing, however, should additional fees be due in order to prevent the abandonment of this patent, please consider this as authorization to charge Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.) for any such fees due. A duplicate copy of this document is enclosed for this purpose.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Warn, Hoffmann, Miller & LaLone, P.C. Philip R. Warn - Reg No. 32775				

CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Philip R. Warn - Reg. No. 32775 Signature Date July 26, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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LAW OFFICES

WARN, HOFFMANN, MILLER & LALONE, P.C.

Intellectual Property Matters PATENTS, TRADEMARKS AND COPYRIGHTS

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www.warnhoffmann.com

July 26, 2006

Attention Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Patent No. 6,896,489 B2 – Issued: May 24, 2005 Serial No. 10/021,566 - Filed: December 12, 2001

Inventor(s): Douglas G. Hunter & Albin J. Niemiec

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE

TARGET REGULATOR

BorgWarner Reference: DKT 00147A

Our File No. BWI-00061

Dear Sir:

We have reviewed the above-referenced patent and have found the following errors, which appear to require a Certificate of Correction:

Drawings,

Replacement drawings were submitted on November 15, 2004, but not used for the issued patent. Please replace with attached proper drawings.

Title Page,

Item [56], References Cited, FOREIGN PATENT DOCUMENTS, add

-- DE 38 40 909 6/1989

DE 39 25 249 3/1990 DE 42 42 871 6/1994

DE 101 41 786 3/2003

DE 44 44 819 6/1996

DE 101 44 693 3/2003 --.

Column 8,

Line 39, "passages 139 blind bore 132" should be --passages 139, blind bore 132--.

Column 11,

Line 40, Claim 3, "wherein said" should be --wherein the said--.

· ELLO

Hon. Commissioner of Patents & Trademarks July 26, 2006 Page Two

Re: U.S. Patent No. 6,896,489 Issued: May 24, 2005

Column 11,

Line 51, Claim 7, "by seal" should be --by the seal--.

Column 12,

Line 32, Claim 19, "of said first" should be --of the first--.

Column 12,

Line 36, Claim 20, "in said slots" should be -- in the slots --.

Column 12,

Line 39, Claim 21, "comprises" should be -- comprising --.

Column 13,

Line 13, Claim 25, "fluid;" should be -- fluid circuit; --.

Column 13,

Line 14, Claim 25, "fluid chamber form d" should be -- fluid chamber formed --.

Column 15,

Line 33, Claim 31, "second;" should be -- second actuator; --.

Enclosed herewith is the U.S. Patent and Trademark Office Certificate of Correction form, which we request be approved for the above-referenced patent.

Applicant believes the errors listed above are Patent Office errors and, therefore, no fee is due for this Certificate of Correction. If, however, it is determined that a fee is necessary, the Commissioner is hereby authorized to charge any fees which may be required in connection with this patent to Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.). A duplicate copy of this letter is enclosed for this purpose.

Respectfully submitted,

WARN, HOFFMANN, MILLER & LALONE, P.C. Attorneys for Applicant(s)

Philip R. Warn

Reg. No. 32775

PRW:mlb Enclosures



Page 1 of 2

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

6,896,489

APPLICATION NO.: 10/021,566

ISSUE DATE

: May 24, 2005

INVENTOR(S)

: Douglas G. Hunter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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Replacement drawings were submitted on November 15, 2004, but not used for the issued patent. Please replace with attached proper drawings.

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Item [56], References Cited, FOREIGN PATENT DOCUMENTS, add

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6/1989 3/1990

DE 39 25 249

6/1994

DE 42 42 871

DE 101 41 786 3/2003

DE 44 44 819

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Column 12,

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Line 36, Claim 20, "in said slots" should be - in the slots --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Philip R. Warn, Esq.

Warn, Hoffmann, Miller & LaLone, P.C.

P.O. Box 70098

Rochester Hills, MI 48307

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO.

6,896,489

APPLICATION NO.: 10/021,566

ISSUE DATE

: May 24, 2005

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Douglas G. Hunter et al.

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VIII & VIII

O PE IAAR BURNETH BERNETH BERN

(REPLACEMENT SHEET)

1/9

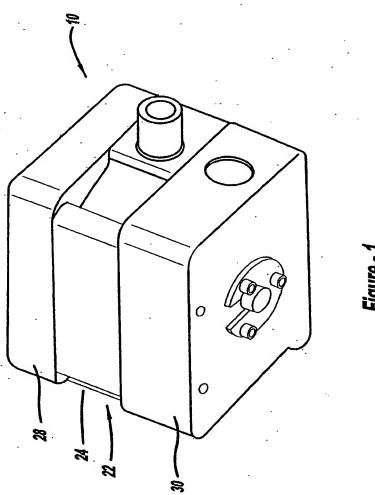
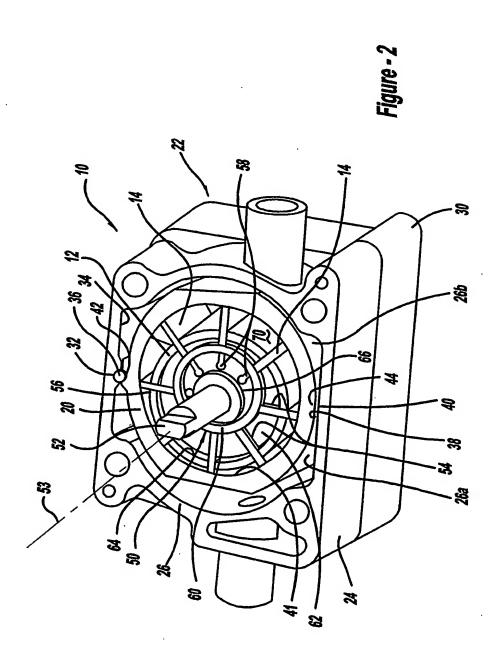


Figure - 1

CO PARE

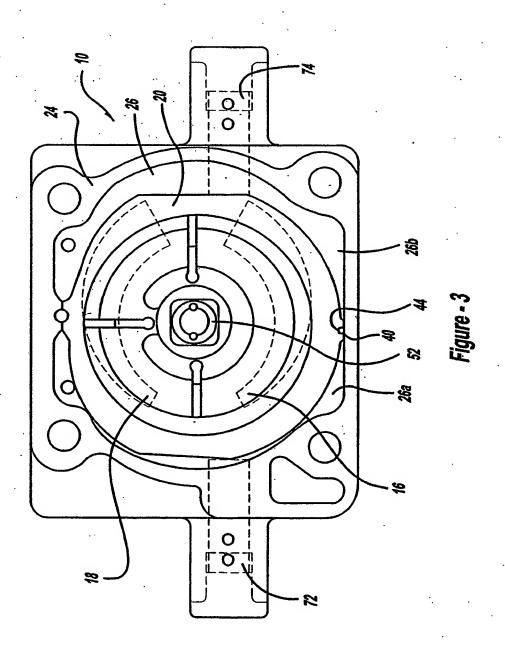
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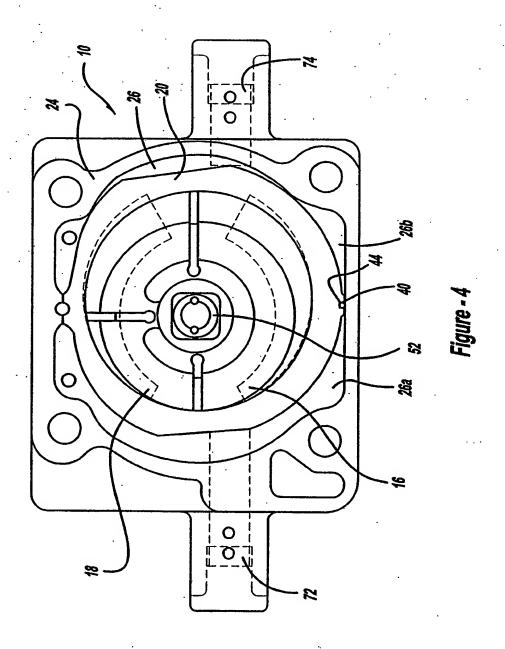


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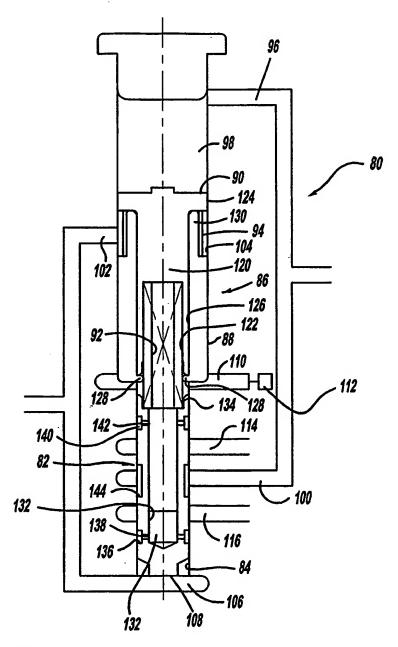


Figure - 5

(REPLACEMENT SHEET)

6/9

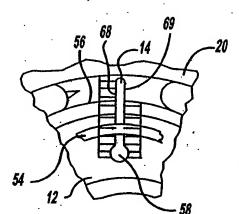


Figure - 6

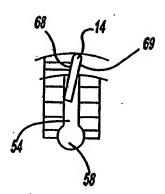


Figure - 7

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(REPLACEMENT SHEET)

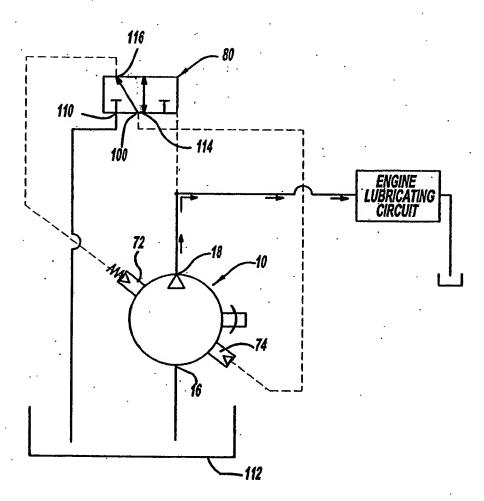


Figure - 8

(REPLACEMENT SHEET)

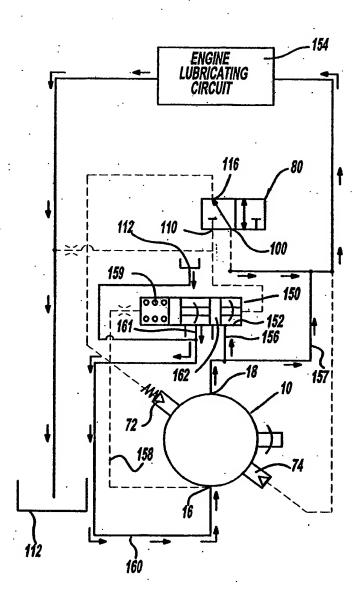


Figure - 9

(REPLACEMENT SHEET)

